Course title: Calculus I  
Lecture time and location: MWF 1100-1150, CAB 239  
Instructor: Xi Chen  
Email: xic@ualberta.ca  
Tel: 780-492-1704  
Office: CAB 479  
Office Hours: MWF 2-3pm or by appointment

Textbook: The 7th edition of “Calculus, Early Transcendentals” by J. Stewart. You can choose one of the following 5 options:

1. For students who do not want a physical copy of the textbook, it will suffice to purchase stand-alone access to Enhanced Web Assign (EWA), available at the Special Services Desk. Price: $78.95, ISBN: 0538738073

2. For students who do want a physical copy of the textbook and who will NOT be taking second-year calculus courses, the following two options are available (both options include an access code for Enhanced Web Assign):

3. For students who do want a physical copy of the textbook and who WILL be taking second-year calculus courses, the following two options are available (both options include an access code for Enhanced Web Assign):

Prerequisite: Math 30 or equivalent. It is important that students have a good grasp of the material covered in Math 10, 20, and 30.

EXAMS: There will be one midterm and final. No CACULATORS, FORMULA SHEETS, NOTES or BOOKS are allowed in exams. You should bring a photo ID to all exams.
Midterm: Oct. 26, 2011, in class
Final: 9-11, December 20, Room TBA

Assignments: There will be 11 online-graded assignments during the semester. The best 10 out of 11 assignments will be counted. We use an online web-based system called WebAssign for online assignments. Each student is required to register on WebAssign using access code that comes with your copy of the textbook. The course key for this section is: ualberta 7490 0622. You will be asked to make your own login id and password. You can use your UofA CCID or password or you can create your own login/password. We advise you NOT to use your student ID. We also advise you to use your real name so that the instructor can properly identify you on the online grade book. Once you login to WebAssign, you will be able to see the homework assignments and when a homework is available and due. After an answer is entered on WebAssign, you will get an instant response as to if your answer is correct. You are allowed three tries for each problem before a final answer is recorded. Online helps such as hints, step-by-step help, and similar examples are available at your fingertip while you work on homework. Please complete your homework before the due date.

Grades: I use the following formula to compute your total score

\[ 10\% \text{ homework} + 35\% \text{ midterm} + 55\% \text{ final} \]

The exact rule used to translate scores into the letter grade system is not determined in advance, but in general terms the minimum passing grade of D or higher will likely require a score of approximately 50%. The precise boundary between adjacent letter grades will be determined after the final exam has been written and all the marks for the entire class have been tabulated. Historical distributions for Math113/114 will be used with possibility to deviate from this distribution depending on the overall class performance.

Deferred Examination: The Deferred final examination will be written on Saturday, January 14, 2012 at 9 AM in CAB 528. Please note that the decision for allowing a deferred exam is made by students faculty, not by the instructor. There is NO deferred Midterm Exam. If you have a legitimate excuse (incapacitating illness, severe domestic affliction or other compelling reasons, e.g., sports team obligation) for missing the
exam, the weight for the midterm Exam will be transferred to the final exam. Students are required to submit requests for excused absences within 48 hours of missing the exam.

Learning Resources:

1. Help Sessions: “Decima Robinson Support Centre for Mathematical and Statistical Sciences” is offering the Precalculus Course concurrently with your Math 113/114 course designed to cover high school material as you need it during your Calculus course. More information will be given in class. Also Drop-In Help on a first-come first-serve basis in CAB 528, Monday to Friday from 9:00 to 3:00 pm.

2. MASC: The Math and Applied Science Center offers a variety of programs to help students including weekly tutorials, and exam preparations at reasonable cost. Contact MASC via masc@ualberta.ca or 492-6272. Visit MASC online at http://www.ualberta.ca/~masc. You can also visit MASC Office, CAB 289.

3. Mini Study Group: ISSS Mini Study Groups are a free service offered by the Interdepartmental Science Students’ Society. For this class, a group of 5-10 students will study together under the guidance of an older mentor who has already taken the class. There are a limited number of spots, and you can sign up at www.isss.ca/msg until October 7th.

Objectives and Course Content: The first course of Calculus is a basic mathematical tool for a large population of students. This course aims to provide the knowledge and to prepare students to solve optimization, rate of change and area problems using the basics of calculus. The material for the course will correspond approximately Chapters 1 - 5 (excluding sections 1.4, 2.4, 3.8, 3.11, 4.4, 4.6, 4.8) plus appendices A, B, C, D and E.

Web Sites: All handouts and other course-related materials will be available at eClass and http://www.math.ualberta.ca/~xichen/math11411f.

ACADEMIC INTEGRITY: UOA is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty. Students are particularly urged to familiarize themselves with the provisions of the
Code of Student Behavior and avoid any behavior which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and participation in an offense. Academic dishonesty is a serious offense and can result in suspension or expulsion from the university.

Honor’s Courses: Students with good math background are encouraged to take MATH 117-118 (Honors Calculus). These courses are open to all students, not only those in honor’s program. If you are interested, please visit http://www.math.ualberta.ca/~honors/ or contact Honors Advisor, Prof. Vladimir Troitsky, troitsky@ualberta.ca, CAB 511.

EWA help:

1. Your course is supported by a TA, Cody Holder. Reach him by clicking your “Ask Your Teacher” link or emailing: holder@math.ualberta.ca.
2. Phone support: (800) 955-8275, then press 1
3. Email support: student_help@webassign.net. See the WebAssign support page at www.webassign.net/user_support/student/ for support hours
4. Nelson rep. Ms. Andria Lee at the bookstore with textbook questions during the first 2 weeks of class. ALSO: Student office hours for questions on the text and/or EWA will be held on:
   - Monday Sept. 12th Rm. CAB 563 12pm-2pm
   - Thursday Sept. 15th Rm. CAB 563 10am-12pm